

MERRY CHRISTMAS

Happy Hanukkah

Annual Christmas/Hanukkah Party

The annual AARC Christmas/Hanukkah party will be/is being/was held December 10th, starting at 1900 hours local (7:00 pm). I realize there is a good chance you are reading this at the party, since it is December 5th as I put final copy together. I'll make my excuses on that subject elsewhere.

Since I'm an optimist, I include information on how to get there anyway. It is the same place we used last year, variously known as the Odd Fellow's Hall (seems appropriate) or the Shriner's Hall (according to the sign outside). It is located on Northern Lights east of the New Seward Highway, at the intersection of a street called Maplewood north of Northern Lights and Drake south of there. The hall is on the southeast corner of the intersection and we are in the basement.

It is a combined social and general club meeting. The dinner is pot-luck, BYOB, \$2/head with people under 12 free. The club is supplying soda pop, coffee, turkey, ham, utensils, plates, cups, and napkins. Dinner starts at 7:00. At 8:15 Steve Snyder, president of the local magic club, will present a magic show geared for all age groups. The show will last until about 9:00 pm. A drawing will be held for a 2-AT and a model 28ASR, with tickets sold at the party for \$3 or 2/\$5. There will also be door prizes as usual.

ANCHORAGE ARC

----- "THE VOICE OF THE ANCHORAGE AMATEUR RADIO CLUB" -----
Post Office Box 1987 Anchorage, Alaska 99510-1987 (907) 345-0719
December 1982
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Activities for the Month

November 22: At 7:35 local, Patrick Langley Slauson began his career as a person. Initial spec's were 9 lbs. 14 oz. and 58 cm. As the editor was involved in this activity, newsletter production was slightly delayed.

December 10: Christmas pot-luck social and club meeting. See above article.

December 15: Board meeting at the home of Tim and Susie Pettis, 2132 Arlington. This is just west of Northern Lights and Minnesota.

Each Mon Wed Fri: K1ZAT provides code practice on 147.51 MHz, starting at 8:00 pm local. Speed runs from 9 to 20 wpm.

"The Voice of the Anchorage ARC" is published monthly by the AARC to further the cause of amateur radio as a hobby and public service. Subscription is available through membership in the AARC. Articles and photos are encouraged from all readers, and permission to reprint is granted with proper credits. Thanks are due to the newsletter staff: KL7VF and KL7VT for typing; KL7SL for mailing; AL7CN for mailing labels; and all the contributors to this issue.
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INCOME	AMOUNT
1002 - Pins/patches/buckles	180.00
1005 - Other (15.00 check error, 85.84 interest)	100.84
1010 - Flea Market	<u>60.00</u>
Subtotal	340.84
EXPENSES	
2001 - Social (Christmas party deposit)	100.00
2002 - Hospitality (plaque)	20.50
2003 - Activities (tickets)	12.50
2004 - Telephone	55.57
2005 - Mailing (34/94 antenna freight 190.00, stamps 20.00)	210.00
2006 - Newsletter/Printing (Clay's)	220.00
2008 - Pins/patches/buckles (Anacortes)	182.00
2011 - Miscellaneous (cost, premium & interest on AHFC bonds)	1123.83
2012 - Equipment Repair (34/94)	18.52
2013 - Equipment Purchase (34/94 antenna)	652.80
4001 - Donations (Westlink)	<u>100.00</u>
Subtotal	2695.72
NET INCOME (LOSS) FOR PERIOD	(2354.88)

ASSETS	BEGINNING BALANCE	ENDING BALANCE
CASH		
101 - Checking Account	504.80	187.91
107 - Money Market Account	<u>24299.54</u>	<u>22261.55</u>
Subtotal	24804.34	22449.46
150 - Equipment	8544.12	9197.52
LIABILITIES		
201 -	-0-	-0-
EQUITY		
301 -	33349.06	31646.98
AVAILABLE CASH	13719.34	5364.46

REMARKS: Cash unavailable - \$11085 in C.D.s, \$6000 in bonds at 16.25%.
Available cash to be increased by over \$6000 due to 6 C.D.s maturing shortly.

ANCHORAGE AMATEUR RADIO CLUB
BOARD MEETING
OCTOBER 20, 1982

Present: President Bob McKinnie AL7AW, Past President Betty Rhodes KL7AP, Acting Secretary Lance Dunbar AL7BK, Treasurer Fred Toliver KL7HM, Trustee Bill Reiter KL7ITI; Board Members Mark Hadley KL7HD, David Stevens KL7EB, David Cloyd KL7M, J. D. Delancy K1ZAT, April Walter AL7CV, Glenn Turner AL7DN, Tim Pettis KL7WE. Also present: Steve Wilcox KL7JIM, Daniel Stevens KL7WM, Ken Slauson WB7SFO and Marriner Bertholf. Absent: Vice President David Epstein KL7LO, Activities Manager Kirsten Petersen KL7AP, Board Members Frank Bowlin WL7D and Art Taylor KL7SK.

The meeting was called to order at 7:05 pm. Minutes of the previous board and general meetings were read and accepted as corrected. The treasurer's report was also read and accepted.

Marriner Bertholf, of Wedbush, Noble and Cook explained Alaska Municipal Bonds and recommended that the club purchase Alaska State Housing Finance Bonds, which yield 16 1/4 percent interest, with the Life Membership funds now in Certificates of Deposit as the Certificates come due. The board authorized the treasurer to invest the permanently endowed funds in higher yield, long term financial instruments as he and Marriner deem appropriate.

The proposed budget for fiscal year 1983 was presented to the board by Fred Toliver KL7HM. The board recommended that the budget be presented to the general membership at the November meeting for approval.

Discussion was held regarding Multivisions' current actions against non-subscribers' reception of their signal. It was decided not to actively oppose Multivisions' actions, but to offer to work with them in resolving any problems directly involving the ham community. A committee comprised of Bob McKinnie AL7AW, Tim Pettis KL7WE, Mark Hadley KL7HD and David Stevens KL7EB was established to interface with Multivisions on behalf of the club.

J. D. Delancy K1ZAT reported on his search for a permanent antenna for the 34/94 repeater. J. D. recommended the Decibel Products DB-224E, which has a forward gain of 9db. It was recommended that the anti-corrosion chemical treatment and anti-static polytape application be added. The total cost of the antenna would be \$780.00. Since the board had previously approved an expenditure of \$500, it was recommended by the board that the expenditure of the additional \$280 be presented to the general membership for approval.

J. D. also pointed out that the Past President Betty Rhodes KL7AP had not received her "Past President" plaque from the club. He was directed to obtain the plaque on behalf of the club.

Discussion was held regarding the use of the Old Sports Arena for the next flea market. Since Fur Rondy needed to have an answer before the next general club meeting, it was decided to table the matter.

The club's station license is due to be renewed. Bill Reiter KL7ITI will continue to act as trustee.

The club will pay the cost of receiving Westlink reports via long distance telephone for retransmission on local repeaters. The board also approved a \$100 donation to Westlink in support of their activities.

OCTOBER 1982 Board minutes (continued)

The club was asked to endorse a ham who is a candidate for an Alaska State House seat. The board reaffirmed the club policy not to endorse any political candidate.

The board directed the newsletter editor not to accept any "free" commercial ads. All ads of a commercial nature must be paid for at the established rate.

The meeting was adjourned at 10:10 pm.

Respectfully submitted,

Lance Dunbar AL7BK
Acting Secretary

ANCHORAGE AMATEUR RADIO CLUB
BOARD MEETING
NOVEMBER 17, 1982

Present: Past President Betty Rhodes KL7AP, Vice President David Epstein KL7LO, Acting Secretary Lance Dunbar AL7BK, Treasurer Fred Toliver KL7HM, Activities Manager Kirsten Petersen KL7PQ, Trustee Bill Reiter KL7ITI; Board Members Tim Pettis KL7WE, Glenn Turner AL7DN, Mark Hadley KL7HD, David Stevens KL7EB, Art Taylor KL7SK. Also present: Steve Wilcox KL7JIM and Ken Slauson WB7SFO. Absent: President Bob McKinnie AL7AW; Board Members J. D. Delancy K1ZAT, April Walter AL7CV, Frank Bowlin WL7D and David Cloyd KL7M.

The meeting was called to order by vice president David Epstein KL7LO at 7:06 pm. Minutes of the previous board and general meetings were read and accepted. The treasurer's report was also read and accepted.

Fred Toliver KL7HM reported that the IRS report had been submitted and that the CDs which had come due had been cashed in and Alaska Housing Finance Bonds purchased.

Kirsten Petersen KL7PQ made a progress report on the Christmas party. Betty Rhodes KL7AP will work with Kirsten on a program for the party.

It was decided by the board to have changes to the club by-laws printed in the newsletter, and to make available to new members, and to those who may not have received them, copies of the Articles of Incorporation and the Bylaws.

Discussion was held regarding the club's scholarship programs with UAA and ACC, following some confusion at ACC arising from the club's recent letter requesting notification of due dates for scholarship payments. David Epstein KL7LO will follow up with verbal explanation to ACC and will also obtain current tuition and fee requirements so that the club can review the scholarship amounts.

Art Taylor KL7SK requested that all club station equipment be stored with the antenna trailer at his warehouse to expedite their use in the event of an emergency, including the club emergency generator, which is being stored by Bill Reiter KL7ITI. Bill explained that he was storing the generator so that he could keep it in good working order and run it at regular intervals. Art also reported that storage cabinets for the club equipment were being constructed which will mount on the antenna trailer for transportation purposes.

NOVEMBER 1982 Board minutes (continued)

David KL7LO reported for J. D. Delancy K1ZAT that the antenna for the 34/94 repeater had been ordered and should arrive at any time. J. D. has also scheduled code practice to be held on Mondays, Wednesdays and Fridays at 8:00 pm on 147.51 MHz. Code speed will start at 9 wpm and progress to 20 wpm. J. D. has also volunteered to install the 220 MHz repeater when the time comes.

The December meeting of the board of directors will be held at the QTH of Tim Pettis KL7WE on December 15, at 7:00 pm.

Ken Slauson WB7SFO, newsletter editor-in-chief, is working on a format for a unique new masthead for the newsletter. He is also soliciting articles from the membership for inclusion in the newsletter. Those with ideas for the masthead or with articles for the newsletter are encouraged to contact Ken.

Bill Reiter KL7ITI reported that the 34/94 repeater will not be turning itself off whenever it wants to anymore. Thanks to the efforts of Doug Dickinson KL7IKX, that problem has been solved. Also, an unidentified signal source, probably causing intermodulation, has been activating the UHF repeater. Doug is working on that problem.

Bill also reported that "kerchunking" of the repeater is again on the increase and requests that the practice stop. Don't bring up the repeater unless you intend to use it.

Tim KL7WE suggested setting up a simplex autopatch to handle the growing volume of autopatch use on the 34/94 repeater. He estimates the cost of the system at \$700, plus monthly telephone charges.

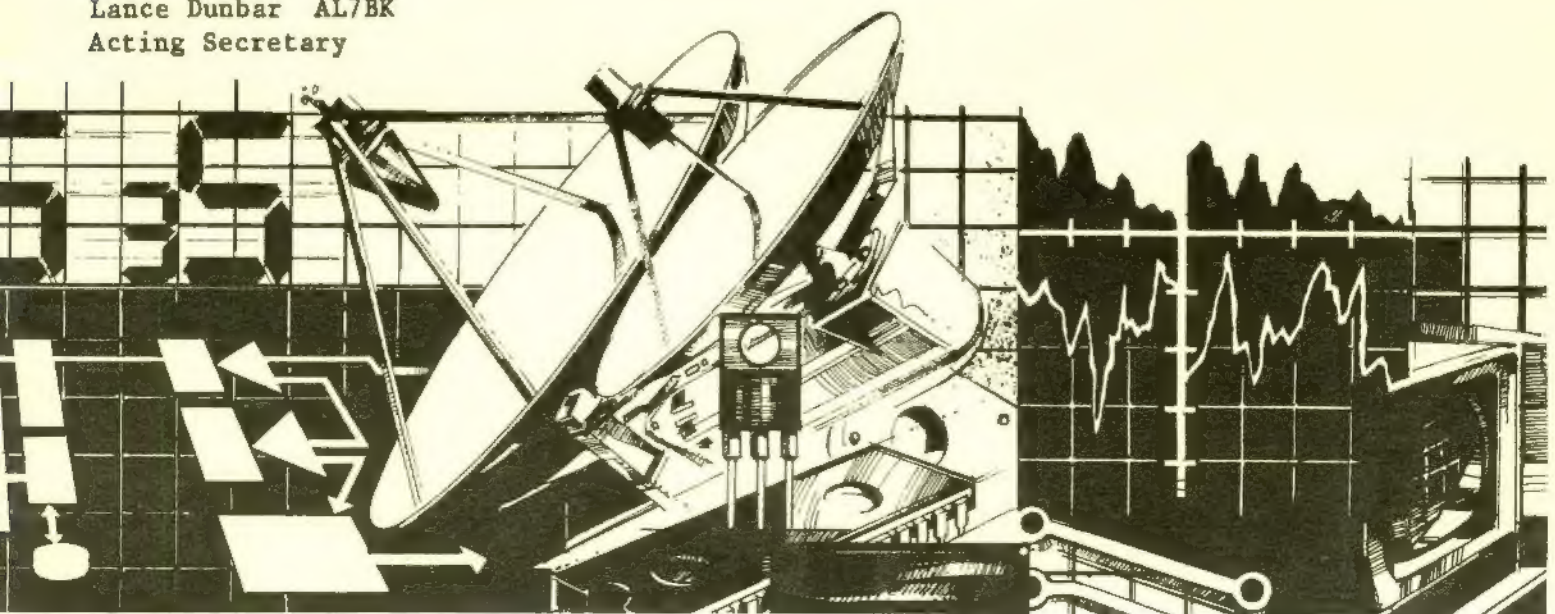
Art Taylor KL7SK will investigate the costs for renting the old Marketplace (Sports Arena) for the flea market and will make a report at the January general club meeting.

Glenn Turner AL7DN asked to be excused from the December board meeting.

The meeting was adjourned at 9:45 pm.

Respectfully submitted,

Lance Dunbar AL7BK
Acting Secretary



ANCHORAGE AMATEUR RADIO CLUB
GENERAL MEETING
NOVEMBER 5, 1982

The meeting was called to order at 7:08 pm by President Bob McKinnie AL7AW.

Following introductions, Wilse Morgan KL7CQ reported on the activities during the CQ Worldwide DX Phone Contest held at his and Betty's KL7AP QTH on October 29 and 30. Wilse reported that, even though band conditions were less than favorable, participants gained valuable experience in contesting, the computer was invaluable in logging, cross-checking contacts and QSLing, and nobody starved, thanks to the culinary efforts of Betty KL7AP.

The proposed budget for fiscal year 1983 was presented and, after discussion, was approved.

The program for the evening was provided by David Epstein KL7LO, who obtained a film from the archives of the FAA entitled "Cold Can Kill", which dealt with the symptoms and effects of hypothermia and what can be done to prevent and treat it.

Following the break, Activities Manager Kirsten Petersen KL7PQ reported on plans for the Christmas Party to be held the second Friday of December, the 10th, at 7:00 pm at the Odd Fellows' Hall, on the corner of Maplewood and Northern Lights Boulevard. Kirsten solicited volunteers for cooking, setup and cleanup. The cost will be \$2.00 per person with children under 12 free.

Bob AL7AW reported on activities by Multivisions to suppress unauthorized reception of its Visions (MDS) signal and what the club's position, with respect to the ham community, should be. He stated that a committee had been established, consisting of himself, Mark Hadley KL7HD, Tim Pettis KL7WE and David Stevens KL7EB, to work with Multivisions on any problems that might occur between them and amateurs. Mark KL7HD and Roy Hansen KL7GQ reported that they would soon be on the air at 2353.5 MHz.

The club approved the expenditure of an additional \$300 for the purchase of an antenna for the 34/94 repeater.

Following the drawing for door prizes, the meeting was adjourned at 9:50 pm.

Attendance - 77

Respectfully submitted,
Lance Dunbar AL7BK
Acting Secretary

Roster Updates

CHANGES:

Joel Spivey N4ERF -- 352 A Juneau St., Fort Richardson Anchorage AK
HM: 428-2029

Jim LaFollette WB4WBL -- 33 W. Phillips St., Mascoutah IL 62258
HM: 566-2472 WK: Scott AFB ext. 3325

NEW MEMBERS:

Cheryl Chestbro -- 5511 E. 34th St., Anchorage AK 99504 HM: 333-5511 WK: 263-6526

Lester D Edwards KL7XG -- 801 Airport Heights #237, Anchorage AK 99508
HM: 278-9195

Kathryn Engle -- 10179 Nantucket Loop, Anchorage AK 99507 HM: 349-4294 WK: 274-1511

Clare L Jaeger -- 7700 Dover Ave., Anchorage AK 99504 HM: 333-2975 WK: 552-2740

----- THE PRESIDENT'S COLUMN -----

The fact that our Club President Bob McKinnie AL7AW is "portable SU" in Egypt provides me with the rare opportunity to substitute my illiterate prose in lieu of his monthly offering.

The holidays are now upon us and, for me, they are usually accompanied by periods of reflection. About this time of the year, there are several memories that come back to me, some of good times, some of not-so-good times..... I'm sure we all experience this to some extent. I'd like to share one of my reveries with you.

I have been in Alaska for approximately 2-1/2 years, and have been a member of the Anchorage Amateur Radio Club for two of those years. I'd like to think that I've spent a good measure of time helping with our day-to-day affairs and activities. Again and again, when I think back on the myriad of events that we have participated in as a group, I can't help believing, "How TRULY WONDROUS it is that we do the things we do!"

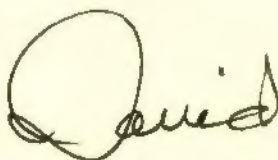
Think about it for a while:

1. Amateur Radio is a hobby, right? Not something we do for a living...
2. For a hobby, Amateur Radio is incredibly diverse. One can get involved in experimenting, building, DXing....the list is practically endless. The point to be made is, there is more to ham radio than public service.
3. While Part 97.1 of the FCC Regulations speaks to the importance of public service as a cornerstone of Amateur Radio, there is no statutory obligation for any ham to get involved in this (or any other) aspect of Amateur Radio.
4. Hams are PEOPLE and, as such, come from all walks of life. We therefore have our own goals, interests, objectives, beliefs, problems, limitations, motivations, etc.

These facts would seem to contraindicate any hopes for successful accomplishment of our club's activities. But somehow, somehow, we have always been able to work together as a group and get the job done, whether it be something simple like providing comms for a 10-kilometer race or something terrifically complex like our annual Electronic Flea Market. It's this miraculous, unified effort by PEOPLE that supports the "truly wondrous" feelings described above.

I guess what I'd like to say in closing is, "Thanks." Not for providing me with something to daydream on, but thanks for another fine year of participating in Amateur Radio and hopefully, in the activities of the Anchorage Amateur Radio Club. We couldn't be the biggest and best club in the State of Alaska without the continued support and interest of our members. YOU HAVE MADE US WHAT WE ARE, and I, for one, am proud to be affiliated with you.

Happy Holidays!



Best of 73's

David Epstein KL7LO
Vice-President

NOSTALGIA CORNER

The following articles were originally printed in the Anchorage Amateur Radio Club News, June 3, 1972, Vol. I, NO. 5.

ACTIVITIES

By: Wilse Morgan, W6PVF/KL7

I am sitting here composing this material at 33,000 feet on a trip to the "lower 48" via Northwest Airlines. The plane left at 0000. That is a fine time to go anywhere.

As most of you know by now, KL7BZO and KL7FSF challenged me to see who would get their extra class license first. At that time (3 weeks ago) I only held a conditional license. I slipped down to FCC the other day and took my 13 WPM code test, general and advanced tests. Now they are starting to sweat a little. I thought I would be ready for the 20 WPM test when I came back last week from a TDY to Indian Mt. The radar interference was so bad there at night that I couldn't use the cassette player I had with me. So it looks like they got a reprieve for awhile.

A POEM

Contributed by: KL7FLU, Faye Johnstone

A poem from the 1927 files - Wedding vows written by Aggie Dalton, who came north with the gold-rush to teach school - with no minister available, the couple wrote their vows and had French Pete perform the ceremony!

Ten miles from the Yukon on the banks of this lake.
A partner from the Koyokuk, Frank McGinnis, I take.
We have no preacher and we have no ring,
It makes no difference - it's all the same thing.

Signed: Aggie Dalton

I swear by my gee pole under this tree,
That a good and true husband to Aggie I'll be;
To love and protect this maiden so frail,
From the Sourdough stiffs on the Koyokuk Trail.

Signed: Frank McGinnis

For two dollar' price in Cheechako money,
I join these two in matrimony,
He being a miner and she a school teacher,
I'll do the job as good as a preacher.

Signed: French Pete



DO YOU OWN A "SPECIAL EVENT" CALL?

You might if you think about it. Anyone can become a "special event" station. It takes some imagination, some money (QSL cards and gasoline) and time. When Pope John Paul II came to Anchorage in 1981 I didn't really want to fight crowds to see what I could see on TV. But I wanted to do something!

I had it--become a "special event" station. No special permission was needed. I could adapt my own call sign. It became KL7InitialPope'sVisit. That was easy...now all I had to do was set up my operating criteria and tell the world. I told all who would listen on ten meters that I would operate the "special event" call sign only from the time the Pope's plane's wheels touched down until they lifted off--about 4 1/2 hours. On the day of the visit I had my TV near the radio so when the wheels touched ground the event started. For the next 4 1/2 hours I worked stations as KL7IPV special event. All stations worked were given a number which would be the QSL number on the special card.

When the Pope left the work started. First, if you use a copyrighted print or picture, get a release from the copyright owner in writing to use the material on the card. That should be no problem since you're not out for monetary gain. Then compare your QSL card. If you had an idea of size before the event, let the stations you work know "SASE 5 X 10" or whatever you think may be required. After you've composed your QSL card, take it to a printer. Don't expect any price breaks--they are out for monetary gain. After you're all done, you'll have a certain pride about putting it all together. You'll hear remarks for a long time afterward from those who work you again. It might cost \$80-\$100, but you'll enjoy it.

So if you want to do something "special", look at your own call. Could KL7FBO be "First Ball Out" on opening day of baseball? Or could you use your call for a visit of another dignitary? Be imaginative. Expand your hobby and involve others. It was fun. Many stations were very prompt with an SASE to get a different QSL card. Many wrote back again in appreciation for the card. Imagination and originality are very much thought of in this hobby. Go to it! Have fun in a different way. Become your own "special event" station. See you when something special comes along.

73,
Frank, KL7IPV

TO: -----
FROM: **KL7IPV**

COMMEMORATIVE QSL # 00
FEBRUARY 26, '81; ----- GMT



A YL's Point of View

The Iditarod Kick-Off party held at Mike KL7IXT and Dee KL7IZJ Barbarick's place was both fun and productive. Many checkpoints were filled and several people also volunteered to help out at headquarters. In the next issue of the newsletter, I plan to include a list of all the checkpoints along with names of hams who have volunteered.

The high point of the kick-off party was the dog sled rides provided by Bill KL7IKR and Pat KL7DS Hall, and their team. It was my first ride on a dog sled and I thoroughly enjoyed myself.

There is another type of endurance race being planned for January and February of 1983. The "IditaSki" is actually two cross-country ski races run on portions of the Iditarod trail. The first race is from Knik to Rabbit Lake and back, about 120 miles. The second race, to start February 12, will be the longest cross-country ski race in the world. The trail runs from Knik to McGrath, approximately 350 miles. A minimum of several hundred participants are expected.

"IditaSki" organizers are hoping for ham communications like we've been providing for the Iditarod. If you can't go out on the Iditarod but would still like to spend some time on the trail, here's a golden opportunity!

See everyone at the Christmas party!

73,
K i r s t e n
KL7PQ



MERRY CHRISTMAS

CQ WORLD-WIDE DX CONTEST

E X T R A V A G A N Z A ! ! !

When last we left the Living Legend (aka Wilse Morgan KL7CQ), the International Amateur Radio Union (IARU) Radiosport Championship Contest had just come to an end (this was in July, mind you) and -- horrors!!! -- ALL OF A SUDDEN THERE WAS NOTHING LEFT TO ORGANIZE!! Not to worry! "We" started to prepare for the Contest of Contests, the "CQ World-Wide DX Phone Contest" (hereinafter referred to as CQ WW DX).

Last year's rendition of CQ WW DX at Mount Olympus was a cozy, homey, "up close and personal" type of effort. Along with Wilse and Betty Rhodes KL7AP, there was yours truly and our devoted, darling Membership Chairperson, April Walter AL7CV, she of the brand-new call sign license plates. In addition, there were special cameo appearances by Art Taylor KL7SK, he of the successful 1982 AARC Flea Market, Art Chase KL7FS, and Rod Maney KL7SA. We would knock off at midnight and sleep until 0800 -- no pressure, life could be a dream (sh-boom, sh-boom). Know what I mean?

In contrast, however, 1982 was to be a different story. He Who Causes To Be was going to enlist maximum help, run three (3) transmitters at once, and use computers for duping, logging, and QSLing!! It was an ambitious plan, but if anyone could pull it off, it was the Light Of The World, the self-proclaimed "Old Geezer," our beloved KL7CQ.

But let's tell you how the cow ate the cabbage re the computer effort. Kenneth Slauson WB7SFO and David Oglesby AL7EJ conceived, created, and implemented the digital activity -- and Willie Oscar Willie -- what a job they did! Many hours of free time was spent on the contest program, fine-tuning, entering, deleting, until a dummy-proof (take it from me!) "Logbook" resulted. Except for sporadic RFI from one of the transmitters, the computers performed flawlessly and saved the Living Legend and his devoted cadre of sherpas countless hours of time.

And so it came to pass. The watch list was filled up, the equipment was organized (along with KL7AP's IC-701 for 10/40/80 meters, we used KL7HFQ's FT-101E and KL7DU's FL-2100B on 20, and AL7CN's KWM-380 on 15), a second phone line was run up to Mt. Olympus for the computers, and Betty's Catering Service, Inc., honchoed the food situation. KL7DU's luxurious motor home was wheeled into position just outside the shack for the use of contestants who wanted to modulate in a horizontal position. People came from all over just to participate, most notable John Orella KL7LL of Bethel and Bill Balzarini KL7BB, who now resides in Sitka.

The magic hour of 0000 UCT, Saturday, 30 October 1982 (or 3:00 pm ADST the preceding Friday) was fast approaching. The bands had been holding up pretty well in the days prior to CQ WW DX but, alas and alack, 3:00 pm came and went without the accompanying JA pileups on 10 and 15 meters. WE HAD BEEN CONFOUNDED BY THE OVERLORDS OF PROPOGATION, and even the Almighty Living Legend was powerless to bring them back! What a time for Northern Lights! The cursed affliction persisted throughout the weekend and definitely affected our score, but, hey, what can you do?

Really, we were in "it" to have fun, and that's exactly what we did. Mount Olympus could have passed for Grand Central Station during the contest weekend. People were coming and going all the time! Many of them had little or no experience on HF and/or contesting. Boy did they cut their teeth! It was unfortunate that the bands were kaput, but everyone, I think, made at least one contact. And everyone, I know, had a great time.

The following people (hams are people) participated in the KL7CQ version of the 1982 CQ WW DX contest: KL7CQ, KL7AP, KL7IWC, KL7HFQ, KL7LL, KL7EB, KL7JIM, KL7PU, KL7BB, AL7AW, KL7IZZ, KL7DU, KL7SL, KL7WE, KL7OX, W4IGM, KL7EB, KL7SE, KL7LO, KL7OY, KL7IFK, KL7PQ, KL7VB, Sayo Mimoto (our secret weapon!), KL7SA, KL7VC, K1ZAT/NL7, AL7CV, KL7FB, WL7AQF, KL7OG, Dick Evans, KL7VT, Bill and Beth Gamel, Rich Whitney, KL7NB (The Official Contest Photographer), WL7AXI, KL7SV, and Bowser K9DOG/KL7.

Special thanks go to David Van Amburg, President, Van Amburg and Associates, for the use of cracker-jack analyst/programmers WB7SFO and AL7EJ; use of C-150 computer time, both during the contest and beforehand, software tools, and loan of the terminals. Without Van Amburg's cooperation and generosity, we would have never achieved our objective. The results of Ken and Dave's labors were seen by several people of the technical persuasion, from different organizations, during the contest. All were quite duly impressed! Insofar as we have been able to determine, this was the first time that computers have been used to such a great extent in Amateur contesting in Alaska.

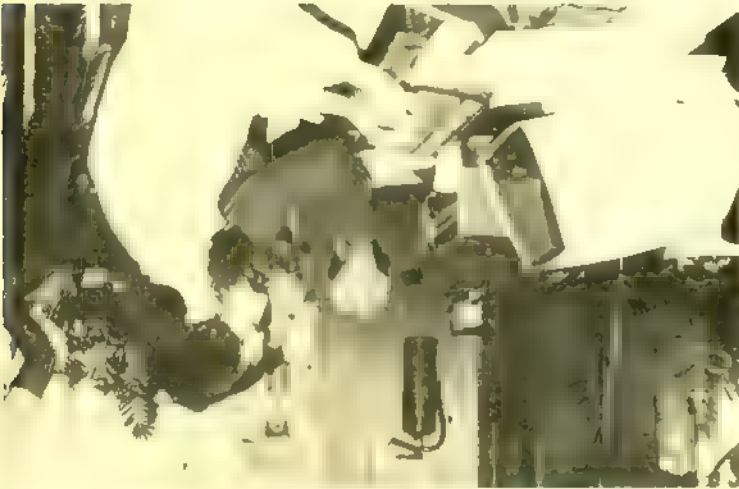
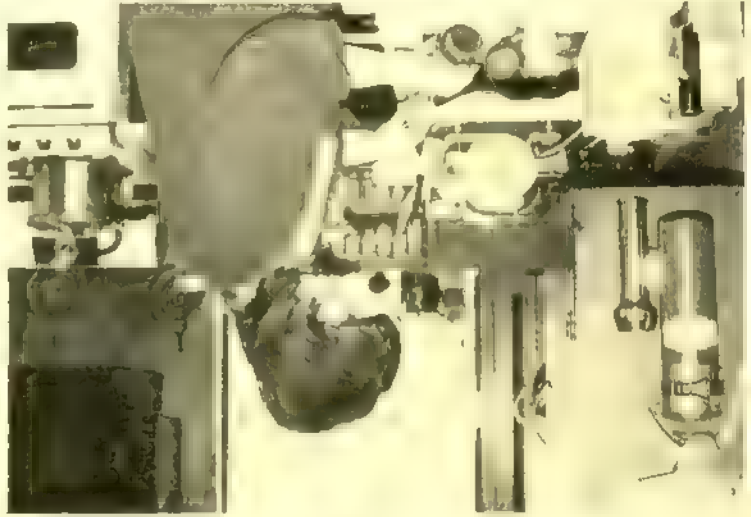
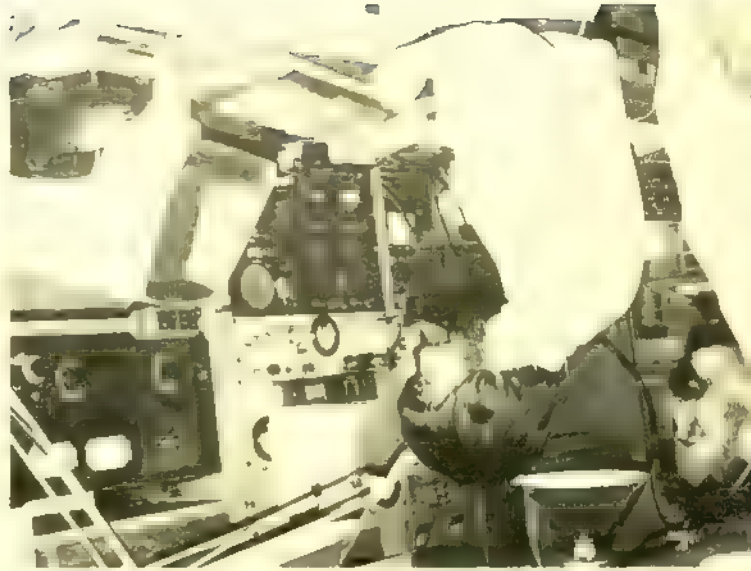
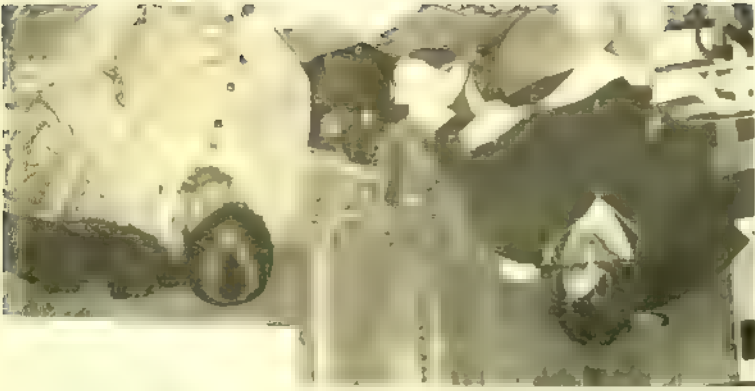
If I left anybody out in the listing above, I do apologize, but I think I got everybody. Hope to see you next year at 1983 CQ WW DX, and let's pray for better band conditions!

David KL7LO

Mary Lewis wins Re-election by a Whisker

Mary Lewis was re-elected as Northwest ARRL director by 10 votes. The final tally was Mary Lewis W7QGP -- 1917, Joe Winter WA7RWK -- 1907. It must have been difficult to choose between such excellent candidates. I'm sure both will be contributing their skills to the amateur community for some time to come.

The photographs on the next page of the people and weapons participating in the 1982 CQ WW DX contest were provided by Dan Rogers KL7NB.



NOTES FROM THE SCM

Activity on the new 10 MHz band has been quite substantial since its opening on October 28, 1982. If you are now or plan on operating on the 30-meter band it is worth noting that 10.109-10.115 MHz is a forbidden zone. This forbidden zone is being used by a Fixed Service and interference must be avoided. The FCC has been issuing Notices of Radio Conditions to violators. The 30-meter band runs from 10.100 to 10.150 MHz excluding the forbidden zone. Amateurs holding General, Advanced and Extra class licenses may use up to 250 watts input and A1 and F1 emissions.

FCC has designated ARRL's Petition for Rulemaking on volunteer examiners RM-4229. Comments regarding this petition must be filed on or before November 29, 1982. The comments sent to the Secretary, Federal Communications Commission, Washington, DC 20554 must state that a copy has also been sent to the person or group filing the petition, in this case the ARRL.

On November 3 the FCC released the details of the Notice of Proposed Rulemaking regarding the elimination of most Amateur Radio logging procedures. FCC's PR Docket No. 82-726 proposes to delete all logging requirements that "serve no regulatory purpose" in the Amateur Radio Service. Logs of routine station activity would no longer be required. Specifically, these items would be deleted:

1. Description of third party traffic.
2. Information that appears on the station license, such as the call sign and signature of the station licensee.
3. Entries specifying the dates and locations of portable or fixed station operation.

The only routine logging information that serves a regulatory purpose to the Commission involves situations where the control operator is not the station licensee. The FCC wishes to emphasize that any Amateur wishing to keep a complete, detailed station log, as under the present rules, could still do so. Deadline for comments is January 14, 1983.

Effective January 3, 1983, new rules go into effect regarding beacons. On November 2, the FCC released a Report and Order that authorizes automatic beacon operation in the Amateur Radio Service. Previously, the FCC rules required that beacon operation take place only under direct, manual control. The approved frequencies for automatic beacon operation are:

28.20-28.30 MHz
50.06-50.08 MHz
144.05-144.06 MHz
220.05-220.06 and 222.05-222.06 MHz
432.07-432.08 MHz
All amateur bands above 450 MHz

Beacons that are manually-controlled are not frequency-restricted. Emission types A0, A1, F0, F1 or A2J are authorized for beacon use. When F1 or A2J emissions are used, the radio or audio shift must be less than 900 Hz. Maximum legal power for beacon operation must not exceed 100 watts input. Beacons must identify once each minute with the station call sign followed by the slant bar and the letters "BCN" or "B" when using CW. The word "beacon" is to be used when identifying by voice. No beacon can operate on more than one frequency in the same band from the same location.

KH6XX has asked and the FCC has assigned RM-4228 to a petition requesting that the Hawaiian Islands due to their geographical location be authorized phone privileges in the band 7075 to 7100 KHz.

The best conditions for East - West paths on six meters are predicted to be between the 23rd and 25th of November. For you six meter operators this could be your last chance for some contacts on six meters until 1990.

As my article in QST appears two months after I draft it, I have decided that maybe this method of getting the "hot-off-the-press" news to you would be a good idea. If comments are received to indicate its continuing I will try to meet your newsletter deadline each month and hopefully get you some recent news.

73,
Rick Henry AL70

A HAM'S CHRISTMAS

'Twas the night before Christmas, and in the ham shack
Was the warm glow of tubes in the transmitter rack.
The log book was brought up to date with great care,
In case the FCC might someday be there.
XYL and harmonics were snug in their beds,
(No Tennessee Indians to addle their heads).
I plugged in the mike and the VFO,
Getting all set for a nice QSO.
When from the relays there rose such a clatter,
I yanked the big switch to see what was the matter.
Then up on the roof by the two-meter beam
There came QRM like a heterodyne scream:
"ON ICOM, ON KENWOOD, ON TEMPO AND SANTEC!
ON YAESU, ON COLLINS, ON HEATHKIT AND EIMAC!"
Bias to the grid and volts to the plate,
Just watch that S-meter while we all modulate!
As I turned to the rig and reached for a dial,
From the top of the tower Santa slid with a smile.
An RF choke he held tight in his teeth,
And coax encircled his head like a wreath.
A bundle of hamgear he had flung on his back...
Was that my name on a new power pack???
He had a snub nose like an egg insulator,
And his cheeks glowed red like a hot oscillator.
He spoke not a word, but went straight to his work,
Laying out all that hamgear, then turned with a jerk.
And laying a wave-meter alongside his nose,
Said "Please QSL" and up the feeders he rose.
He climbed up the dipole, to his team gave a whistle,
And away they all flew, like a jet-propelled missile.
But I heard his last signal from the ionosphere:
"Seventy-threes, Eighty-eights, see ya next year!"

A very Merry Christmas to you all from Debbie Rumery, KL7RQ

ANOTHER IC-22S ARTICLE

by Dave Olson, KL7K

Just about the time you thought that the IC-22S modifications were a thing of the past along comes another. For those of you who are interested in extending the range of the IC-22S without any modifications at all (except for soldering in the diodes) this may be for you.

The programming chart in the owner's manual gives all the diode positions needed to operate on standard channels from 146.010 to 147.990 MHz. The manual does not say that frequencies down to 145.350 and up to 148.215 are also possible. I decided to give a few "out of range" frequencies a try and soon got tired of calculating each frequency to try and wrote the program below in Microsoft Basic to do the job. I let the computer go from an "N" of 64 up after I determined that anything below 64 simply would not work. You can get any range of "N" by changing line 170. I included the Hexadecimal numbers for those who may have thumbwheel selected diodes and want to just dial in the frequency.

With the other modifications for this little radio which have come out over the years, 5KHz spacing and a range from 145.35 up to the top of the band is not bad.

Included is a print out of the "out of range" frequencies for those of you who don't speak BASIC.

```
100 '          ICOM 22-S PROGRAMMING CHART
110 '          By Dave Olson, KL7K
120 '
130 LPRINT TAB(20)"ICOM 22-S PROGRAMMING CHART "
140 LPRINT:LPRINT
150 PRINT "DECIMAL N","HEX N","FREQUENCY","D7 D6 D5 D4 D3 D2 D1 D0"
160 PRINT
170 FOR N=64 TO 255 STEP 1
180 FOR I=0 TO 7:D(I)=0:NEXT I          'Clear diode positions
190 F=(N*.015)+144.39                 'Calculate Frequency
200 H$=HEX$(N)                        'Determine Hexadecimal number
210 GOSUB 270                          'Get diode positions
220 LPRINT USING "###";N;:LPRINT " ",H$;
230 LPRINT USING "###.###";F;:LPRINT " ";
240 LPRINT D(7);D(6);D(5);D(4);D(3);D(2);D(1);D(0)
250 NEXT N
260 END
270 ' ---- SUBROUTINE TO DETERMINE DIODE POSITIONS ----
280 G=N
290 IF G/128>=1 THEN D(7)=1:G=G-128
300 IF G/64 >=1 THEN D(6)=1:G=G-64
310 IF G/32 >=1 THEN D(5)=1:G=G-32
320 IF G/16 >=1 THEN D(4)=1:G=G-16
330 IF G/8  >=1 THEN D(3)=1:G=G-8
340 IF G/4  >=1 THEN D(2)=1:G=G-4
350 IF G/2  >=1 THEN D(1)=1:G=G-2
360 IF G>0 OR G=1 THEN D(0)=1
370 RETURN
```

DECIMAL N	HEX N	FREQUENCY	D7	D6	D5	D4	D3	D2	D1	D0
64	40	145.350	0	1	0	0	0	0	0	0
65	41	145.365	0	1	0	0	0	0	0	1
66	42	145.380	0	1	0	0	0	0	1	0
67	43	145.395	0	1	0	0	0	0	1	1
68	44	145.410	0	1	0	0	0	1	0	0
69	45	145.425	0	1	0	0	0	1	0	1
70	46	145.440	0	1	0	0	0	1	1	0
71	47	145.455	0	1	0	0	0	1	1	1
72	48	145.470	0	1	0	0	1	0	0	0
73	49	145.485	0	1	0	0	1	0	0	1
74	4A	145.500	0	1	0	0	1	0	1	0
75	4B	145.515	0	1	0	0	1	0	1	1
76	4C	145.530	0	1	0	0	1	1	0	0
77	4D	145.545	0	1	0	0	1	1	0	1
78	4E	145.560	0	1	0	0	1	1	1	0
79	4F	145.575	0	1	0	0	1	1	1	1
80	50	145.590	0	1	0	1	0	0	0	0
81	51	145.605	0	1	0	1	0	0	0	1
82	52	145.620	0	1	0	1	0	0	1	0
83	53	145.635	0	1	0	1	0	0	1	1
84	54	145.650	0	1	0	1	0	1	0	0
85	55	145.665	0	1	0	1	0	1	0	1
86	56	145.680	0	1	0	1	0	1	1	0
87	57	145.695	0	1	0	1	0	1	1	1
88	58	145.710	0	1	0	1	1	0	0	0
89	59	145.725	0	1	0	1	1	0	0	1
90	5A	145.740	0	1	0	1	1	0	1	0
91	5B	145.755	0	1	0	1	1	0	1	1
92	5C	145.770	0	1	0	1	1	1	0	0
93	5D	145.785	0	1	0	1	1	1	0	1
94	5E	145.800	0	1	0	1	1	1	1	0
95	5F	145.815	0	1	0	1	1	1	1	1
96	60	145.830	0	1	1	0	0	0	0	0
97	61	145.845	0	1	1	0	0	0	0	1
98	62	145.860	0	1	1	0	0	0	1	0
99	63	145.875	0	1	1	0	0	0	1	1
100	64	145.890	0	1	1	0	0	1	0	0
101	65	145.905	0	1	1	0	0	1	0	1
102	66	145.920	0	1	1	0	0	1	1	0
103	67	145.935	0	1	1	0	0	1	1	1
104	68	145.950	0	1	1	0	1	0	0	0
105	69	145.965	0	1	1	0	1	0	0	1
106	6A	145.980	0	1	1	0	1	0	1	0
107	6B	145.995	0	1	1	0	1	0	1	1
241	F1	148.005	1	1	1	1	0	0	0	1
242	F2	148.020	1	1	1	1	0	0	1	0
243	F3	148.035	1	1	1	1	0	0	1	1
244	F4	148.050	1	1	1	1	0	1	0	0
245	F5	148.065	1	1	1	1	0	1	0	1
246	F6	148.080	1	1	1	1	0	1	1	0
247	F7	148.095	1	1	1	1	0	1	1	1
248	F8	148.110	1	1	1	1	1	0	0	0
249	F9	148.125	1	1	1	1	1	0	0	1
250	FA	148.140	1	1	1	1	1	0	1	0
251	FB	148.155	1	1	1	1	1	0	1	1
252	FC	148.170	1	1	1	1	1	1	0	0
253	FD	148.185	1	1	1	1	1	1	0	1
254	FE	148.200	1	1	1	1	1	1	1	0
255	FF	148.215	1	1	1	1	1	1	1	1

MARA All Band CW Contest

An all Band CW Contest sponsored by the Matanuska Amateur Radio Association (M.A.R.A.), and open to all Alaska Amateurs will start at 2:00 pm January 29th and end at 2:00 pm January 30th, 1983. Call **CQ M.A.R.A.**, exchange signal reports and obtain the State, Province or Country for each contact. Club callsign is **KL7JFU**.

Contestants may operate a total of 24 hours. The minimum operating period is 15 minutes and must be logged with each band change. **ONLY BAREFOOT POWER!!!**

Scores are computed as total contacts times a multiplier consisting of one point for each State and Canadian Province worked. For DX it is 2 (two) points each. Each station may be worked only once on each band. **CONTACTS IN THE NOVICE BAND COUNT TIMES THREE!**

A perpetual trophy will be awarded to the highest scoring member of the Matanuska Amateur Radio Association, and a certificate will be awarded to the highest scoring non-club member.

Send log with contacts indicated to:

A.R.S. KL7JAI
OPR. Kenny Greene
3719 W. 80th St.
Anchorage, Ak. 99502
Telephone # 243-2576

ENTRIES MUST BE RECEIVED
OR BEFORE FEBRUARY 28th, 1983

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7.100 - 7.150
21.100 - 21.200
28.100 - 28.200

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 - CALL:** Glen AL7DN 243-7845
- FREE:
- Working TTY, model ASR 28 (?). Too big for apt.
 - CALL:** Peggy AL7CY 345-1504
- FOR SALE:
- A-4, tri-bander, CDE rotor, coax, rotor cable and 30-foot tower. \$400.
 - CONTACT:** Joe WL7M 4026 McPhee 274-3116
- MOVING SALE:
- TenTec Omni D, Digital display, 8 bands, noise blanker. 262MO power supply, crowbar and over-voltage protection. TenTec microphone, TenTec antenna tuner. Heath-Kit SWR meter. With all manuals. \$1300
 - W-51 crank-up tower with Ham-2 rotor, TH-3 Junior, 8 element 2 meter beam, 2 meter 1/4 wave ground plane. 75' of coax with each antenna and 75' of rotor cable. \$1200
 - All of the above -- \$2400.
 - CALL:** Frank KL7IPV 345-5725
- CQ KL7IW Walt: - VE7EYP would like you to QSL him. Contact KL7IWC for further details if needed.

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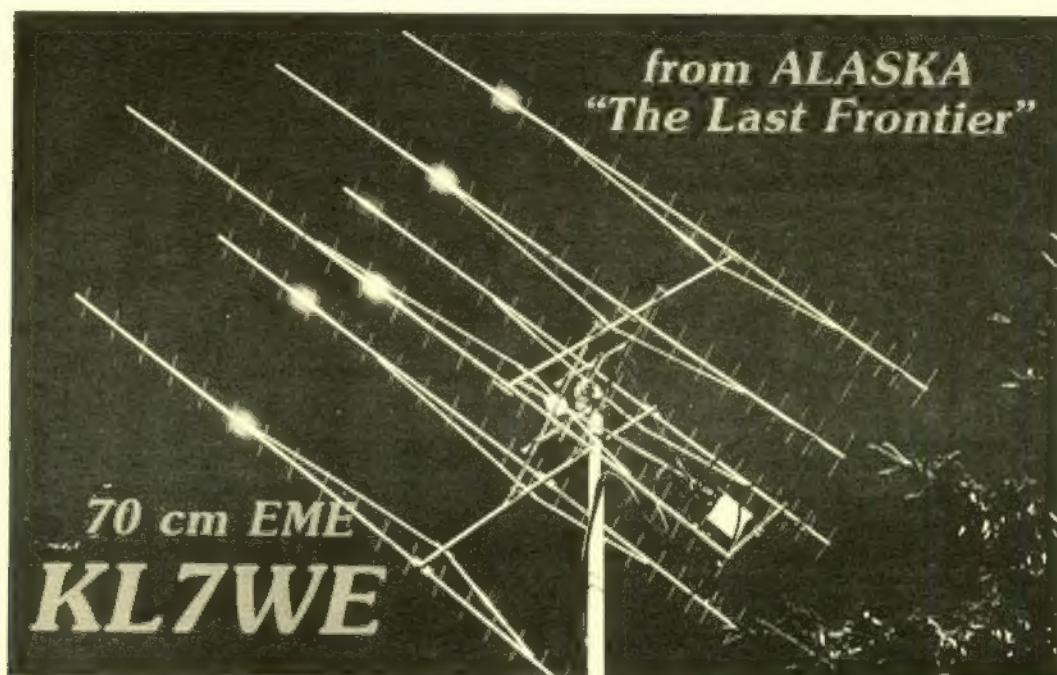
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MOONBOUNCE, the Challenge!

The hearty voice sent thundering into space returns to earth. No longer does it reflect the author's crystal clear tone. Rather now, battered by the lunar surface, it speaks a hoarse, whispered message through the crackling cosmic noise.

The letter "O" followed by the letter "R" in patterns of Morse code struggle with the utterances of a billion stars in a million galaxies. Again and again these characters surface on the sea of noise, their author proclaiming "We have shared our identities", and it is over!

Momentarily deafened by this assault on my senses, the log entry is completed: Z25JJ— Salisbury, Zimbabwe, Africa de KL7WE-- 432.035 MHz. Terrestrial distance: 15,172 km. Extraterrestrial distance: 740,000 km. Signal attenuation: 158,500,000,000,000,000,000,000 times.